MEETINGS OF SCIENTIFIC BODIES

To be held during the ensuing week.

TUESDAY, Jan. 29.—Institution of Civil Engineers, 8 p.m.

WEDNESDAY, 30.—Society of Arts, 8 p.m.

THURSDAY, 31.—Royal Society, 8½ p.m.; Society of Antiquaries, 8 p.m.; Royal Academy, 8 p.m.

FRIDAY, Feb. 1.—Archæological Institute, 4 p.m.; Architectural Association, 8 p.m.

TO CORRESPONDENTS.

"*Iron.*"—A surveyor asks, "How long a 16oh sheet-iron may be expected to last in water."

"*Gas from Water.*"—We can only refer for information to the usual chemical authorities, and to THE BUILDER itself.

"F. W. P." (statement is too general. It is scarcely to be supposed a committee would return drawings *without looking at them*; curiosity alone would prevent this).

"J. L." Manchester (his views have been stated by others).

"C. F." (Potter's, South Molton-street).

"J. L. G."

"A. R. and C. D.," "M. M. W." (the place must be seen to decide best mode. Ask a respectable plumber).

"J. B.," Hamburgh, "R. R.," "M. J. and Co." (too late). "R. B." (the effect of newly-built houses on health was discussed in a former volume of our journal). "R. J. S." "R. S. S." (we are sorry that we cannot assist). "J. J. L." (shall come in, first opportunity). "W. W." (shall be forwarded). "D. R. H." "J. R." "P. H. B." "J. W. P." (too late for present number). "A. A." (declined). "Quondam" (we shall be glad to receive the description promised). "The Decorative Arts of the Middle Ages," by Henry Shaw, F.S.A. (Pickering: 1850); "Bally's United Service Record" (Cornhill); "Instruction in Illumination and Missal Painting," by D. de Lara (Ackermann, Strand); "Proposal for Supplying Lancaster with Water, and Improving its Sewerage," by E. Sharpe, M.A. (Lancaster, 1850); "Remarks on the Water Supply of London," by Sir William Clay, Bart.

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor:" all other communications should be addressed to the EDITOR, and *not* to the Publisher.

"*Books and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

THE NILE. — ABOU SIMBEL. — The new Tableau, showing the interior of this Temple by torch-light, is added DAILY to the exhibition of the GRAND MOVING PANORAMA of the NILE, comprising the whole of the stupendous works of antiquity near the banks of that sacred river. Painted by Warren, Fahey, and Bonnoni, from studies by the latter, made during a residence of many years in Egypt.—Egyptian Hall, Piccadilly, at 3 and 8.—Stalls, 3s. Pit, 2s. Gallery, 1s.

ROYAL POLYTECHNIC INSTITUTION.—The First of a Series of Illustrated Lectures, by Dr. Hachtuffner, on the Philosophy of Scientific Recreation, Daily at Two o'Clock, and in the Evening at Eight.—An entirely new Set of Dissolving Views of London in the Sixteenth Century, and as it now is, with a Descriptive Lecture, Daily at half-past Four and in the Evenings at a quarter to Ten.—The Views of Rome, including New Views of the Interior and Exterior of St. Peter's, with Dioramic Effects, are shown Daily at One o'clock.—Lectures on Chemistry, with brilliant Experiments, by Mr. Ashley.—Entertainments with the Diver and Diving-bell.—New Exhibition of Chromatropes.—The Machinery, Models, &c., explained.—Admission, 1s.: Schools, half-price.

BUILDERS AND CONTRACTORS.

TARPAULINS for COVERING ROOFS during Repairs. SCAFFOLD CORD and every description of ROPE sent by Builders upon the lowest terms. Marquees and boarding's erected on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 115, Fore Street, City, Manufacturer, by Appointment, to Her Majesty's Honourable Board of Ordnance.

PAVING, 2s. 9d. PER SQUARE YARD. Basements, Foot-walks, Malt-houses, Corn Stores, Floors of Warehouses, and every description of Pavement laid down at the above low price, and the work guaranteed.—Apply to JOHN PILKINGTON, PATENTEE OF THE BITUMEN PAVEMENT OFFICE, 14, JOHN STREET, ADELPHI.—N.B. Country Agents and Railway Engineers and Contractors supplied with the best bitumen for covering bridges and arches.

MINTON and CO.'S ENCAUSTIC and other PATENT TILES for Churches, Entrance Halls, Conservatories, Balconies, &c., Artificers, Geometrical, and Alhambric Mosaics, manufactures of a highly decorative character and extreme durability, Slabs and Tiles for Fireplaces and Hearths, Cornices for Grates, Door Furniture, White Glazed and Ornamental Tiles for Baths, Dairies, and Kitchen Rooms may be had in great variety at their Warehouse, 2, Albion place, Blackfriars-road, London, and at their Manufactory, Stoke-upon-Trent, Staffordshire.

WHITE SUFFOLK and RED FACING BRICKS of superior quality. Moulded bricks to any pattern.—Apply to Mr. BENJAMIN GOUGH, 27, Newington-crescent, Newington Butts.

N.B. Cowley and Kent Bricks of every description, and English Rag-stone direct from the quarries, at a reduced price.

FIRE BRICKS, GREAT FALL.—WARD and COMPANY, Hendrina Wharf, Bankside, London, have the pleasure of informing the trade, &c., that they have just landed EXTRA CAUDON of their best manufactured FIRE BRICKS, in Scotchridge, Newcastle, and Slak. Purchasers should avail themselves of the present low prices. STOURBRIDGE BRICKS, admitted to be the best in use, as proved by houses working the greatest heat, 6l. 5s. per thousand. Their highly celebrated NEWCASTLE ditto, in such general consumption in gas works, burners, &c., by engineers and others, 6l. WELSH ditto, very superior, from having less iron in them than usual: 4 in. Lumps, Tiles, Shield Guards, Retorts, Fire Clays, and Loam equally cheap. Cowley bright square Stocks, 15s. per thousand; Dutch Malting Tiles, Window (two ditto and Bricks; Country Paviles, 30s. per thousand, place ditto, 40s.; all other red moulds; white and red Sanitary Pipes and Shapes, Dutch Clinkers, Suffolk Bricks, Decking Lime, Concrete, Gravel, and river Sand, by freights or loads. Goods made to pattern in twenty-one days.

A liberal Discount for Cash.

BRICKS.—In consequence of the low price at which Brickmakers have, for some time past, been purchasing Ashes and Breeze, H. DODD is enabled to offer his bricks, which are of good quality, at the following low prices; and as his fields are only a quarter of an hour's walk from the City, H. D. earnestly requests purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves.

Marle Cutters	22s. per thousand.	
Yellow Seconds	20s. 6d.	"
Pale Seconds	20s.	"
Paviors	20s.	"
Pickings	18s.	"

Marle Place Half-washed Stocks, and Place Bricks, at equally low prices. These bricks are sound, well burnt, and unusually free from defects; a very large proportion of the Stocks being suitable for external facing. They will be delivered at the above prices anywhere within two miles of the fields.

Apply to HENRY DODD and Co., at the Counting-house, Heston Brickfields, Grange-walk, near the Rosemary Branch, Hoxton.

N.B. Red Pit Sand, of approved quality, constantly on sale, upon reasonable terms. In the erection of walls, where it is desirable that the work should be kept as free from damp as possible, this sand, from its not containing any saline matter, is acknowledged to be preferable to river sand.

BIRMINGHAM PLATE GLASS COMPANY are supplying PLATE GLASS at a reduced quality, at an unusually moderate rate of charge. For estimates apply at their warehouse, No. 26, Fleet-street, Bath's Plate, 1, 1½, 1¾, and 1-inch thick.

PATENT PLATE GLASS.—HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of PRICES for the above is now ready, and will be forwarded on application. A REDUCTION of about 40 per cent. has been made on the usual Glazier sizes. Sheet, Crown, and Ornamental Window Glass Warehouse, 25 Soho-square, London.—ROUGH PLATE GLASS.

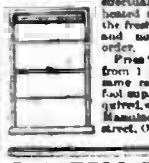
SOHO CROWN, SHEET, PATENT PLATE, ORNAMENTAL, and PLATE (GLASS) WAREHOUSE, 26, Soho-square, London.—ALFRED GOSLETT begs to call the attention of the trade to his large and valuable STOCK of the above descriptions of GLASS, which he can offer at the very lowest wholesale prices, delivered either in crates or waggons, or cut to intended sizes.

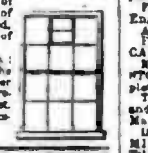
E. and W. H. JACKSON beg to call the attention of Builders and the trade to the reduced prices of their PATENT PLATE GLASS, which, from its superiority to most ordinary CROWN, in all respectable dwellings, WRITING and ROUGH PLATE, CROWN, SHEET, STAINED, and ORNAMENTAL GLASS, supplied of the best manufacture, and at the lowest terms. List of prices, estimates, and every information can be had on application at their warehouse, 315, Oxford-street.

THE UNION PLATE-GLASS COMPANY.—Polished Plate-glass, good quality, colour, and substance, and very much reduced in price. Rough Plate-glass 1, 1¼, 1½, and 1¾ inch thick; the price of this article is also very much reduced, and in large quantities done exceedingly low. Lots but of small plates, containing about 3 feet square each, to be cleared off, at a very low price.—London Warehouse, 98, Hatton Garden, Holborn. R. CHRISTIE, Agent.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices now range from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT SUP. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LUDD, No. 1, King-street, Baker-street, Portman-square.—Cash only.

NAYLOR'S New GLASS VENTILATOR, registered 9th November, 1849, No. 1201.—Its mechanical arrangement admits of the largest amount of ventilation; by means of a small lever it can be opened or shut at pleasure; it is readily applied to the windows of churches, private houses, shops, &c.; to consumers of gas it is of paramount importance, as it effectually allows the egress of heated air, and the admission of the fresh air; it is easily cleaned, and not liable to be put out of order.





Price 9s. each under 1 foot sup.; from 1 foot to 2 feet sup. at the same rate; above 2 feet, 12s. per foot sup. Right measurement is required, with the thickness of rabbet. Manufactory, 36 and 37, James-street, Oxford-street.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 56, REGENT-STREET and 18, CHANCERY LANE. Patent sealed on the 4th day of February, 1848, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Hanging and Lowering Shutters, without Rackbarry, and Two for Hinging and Moulding the Edges of Wood Laths with Iron.—The Patentee having fitted up some hundreds, with feelings pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of cog-wheel worm and screw gear, or any other complicated machinery employed by other makers.

BUNNETT and Co., ENGINEERS, Patentees and Manufacturers of REVOLVING IRON AND WOOD SAFETY SHUTTERS, and of ORNAMENTAL RAISED BARS, MOULDINGS, STALL-PLATES, &c., FOR SHOP-FRONTS, AND OTHER WINDOWS, OR SKYLIGHTS, IN BRASS, COPPER, ZINC, IRON, &c.

Shop-fronts completely fitted up and glazed with best plate glass. Metal works and improved machinery of all kinds for warehouses, banking-houses, &c.

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Painted marble, granite, and oak papers	1d. per yard.
Superior bed-room papers	1½d. "
Rich panelled papers for bed-rooms, drawing and dining rooms	2d. "
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Pompeian drawing-room papers	2½d. "
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10,000 feet of gilt mouldings always in stock.

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HORNE'S INDIA-RUBBER PAPER for DAMP WALLS is the cheapest and best hitherto offered to the trade, the price being 3s. 6d. per piece of twelve yards, and its being entirely free from the unpleasant odour arising from gutta percha and pitch papers, and consequently lower in price, is an important consideration to the former.—ROBERT HORNE, PAPER-HANGING MANUFACTURER, 41, Gracechurch-street, City, at the same time invites builders and the trade to inspect his extensive stock of NEW DESIGNS IN PAPER HANGINGS, which, by the aid of powerful machinery, he is enabled to offer at the following unprecedented prices, in stock quantities, for cash only, viz.:—

Bond lining paper	4d.	
Superior ditto	6d. and 7d.	
Bed room papers, in great variety	8d.	9d.
An excellent oak paper	8d.	9d.
Sitting room ditto, on blended grounds	9d. to 10d.	
Hand-made gravels	1s. 0d. to 1s. 6d.	
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Every novelty in French and English panelled decoration always on hand; also excellent imitation of fancy woods, superior to any hitherto manufactured on paper.

N.B. Patterns sent into the country, showing the style and quality of the above, on receipt of two postage stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.—Folding screens in great variety, wholesale and retail.—To be obtained only at HORNE'S Wholesale and Retail Establishment, 41, Gracechurch-street, London-bridge.

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THE ARCHITECTS', ENGINEERS', BUILDERS', OPERATIVES', and ARTIZANS' DRAWING ACADEMY, established above forty years, for the study of Architecture, Civil Engineering, &c., with the practical application of Geometry to perspective, ornamental, and mechanical drawing of every description. Conducted by Mr. GILLETTS, architect, surveyor, and civil engineer.—Morning classes from nine till two o'clock daily. Evening classes from six to nine.—For cards of terms apply to Mr. GILLETTS'S offices, No. 121, Strand, London.

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GOTHIC WINDOWS, ALTAR SCREENS, and other Works, produced at a remarkably cheap rate.

FONTS from 3l. upwards. Specimens on view of the Early English, Decorated, and Perpendicular styles.

ALTAR TABLETS Illuminated.

First-rate ARTISTS retained for SCULPTURED GOTHIC CARVINGS.

MEMORIAL CROSSES, MONUMENTS, TOMBS, HEADSTONES, &c., in great variety of design. Letters cut and complete for fixing in the country.

The Public are respectfully invited to view the carefully selected and manufactured Stock (by improved machinery) of Veined Marble Chimney pieces—cheap and good.

DAIRIES fitted up with MARBLE or SLATE SHELVES.—MINTON'S Encaustic and White or Blue and White Porcelain Tiles in great variety of patterns.

A GOOD MARBLE CHIMNEY-PIECE FOR FORTY SHILLINGS.

A liberal Discount to the trade.

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ANSTON STONE, used for Building the New Houses of Parliament.—W. WRIGHT and Co. beg to inform Architects, Engineers, Builders, and others, the Anston Stone can be supplied in any quantity on the shortest notice. This valuable stone, so celebrated for its durability, colour, and texture, is well known, having been selected in preference to all others, by the Commissioners of Woods and Forests, for building the New Houses of Parliament. It is very superior for Monumental Tombs, &c. &c.

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MARKET WHARF, REGENT'S-PARK BASIN.—Messrs. MARTIN and WOOD take Nowlan and Martin, select the attention of Builders, Masons, and others, to their stock of Portland, York, and Bath Stone; also Bangor Slates, Lime, Cement, Plaster, Bricks, Tiles, Laths, Firewoods, Fire-clays, &c., sold at the lowest possible prices for Cash. Portland Headstones, Ledgers, Grave Landings, &c., cut to order on the shortest notice. Targetting, let on hire. A stock of Northern Drain Pipes, Syphons, &c., always on hand. Mortar, Lime and Hair, Fine Stuff, &c.

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